

Appl. No. 10/615,314

Attorney Docket No. 8627-233  
(PA-5146-RFB/DIV)**I. Listing of the Claims:**

1. – 34. (Cancelled)

35. (Original): A catheter system comprising:

a catheter having a distal end, a body portion having at least one lumen with an inside surface extending through the body portion in a longitudinal direction from a proximal end toward the distal end, and at least one central member for coaxial advancement through said lumen, which body portion is made of a multiple filament helically wound row of wires, wherein said row of wires has a pitch angle in the range of 26° to 76°, and wherein said inside surface of said body portion is mainly undeformable by the central member.

36. (Cancelled)

37. (Original): A delivery system comprising:

a delivery device with a distal end and a shaft portion with a lumen extending in a longitudinal direction from a proximal end and toward the distal end, a self-expandable prosthesis arranged in a receptacle at the distal end of the delivery device, and a pusher member arranged in the lumen of said delivery device to cause relative axial movement of the self-expandable prosthesis with respect to the delivery device, said shaft portion of said delivery device comprising a first helically wound multiple filament row of wires.

38. – 39. (Cancelled)

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